

KT-CT.2.1 - UTILIZATION AND REMOVAL OF INCLUDED TIMBER (09/2004)

CT.2(b) notwithstanding, bucking lengths shall be varied to ensure that the maximum sawlog piece that may be left is 2 feet and that the maximum small roundwood piece that may be left is 5 feet.

Where cut trees are identified by paint, the Contractor shall leave stumps of a minimum height to avoid obliterating paint markings that indicate individual trees to be cut.

KT-CT.3.0# - PAYMENT UNIT BOUNDARIES (08/2004)

The boundaries of Payment Units are designated as shown in the following table. The trees used for boundary designation are not to be cut.

See Table KT-CT.3.0# - Payment Unit Boundaries, Payment Unit Boundary Designation Table

Table KT-CT.3.0# - Payment Unit Boundaries (9/2004)

The boundaries of Payment Units are designated as shown in the following table. The trees used for boundary designation are not to be cut.

Payment Unit	Paint Color	Designation
1, 2, 3, 4, 5, 6, 7, 8, 9	Orange	Slash with stump mark

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KT-CT.3.5.1# - DESIGNATION BY SPACING (09/2004)

Within Payment Unit(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, as shown on Sale Area Map, all live pine or hardwood trees, except trees Marked with orange or white paint or described to be left uncut, that meet Utilization Standards and one or more of the following criteria are designated for cutting.

(a) The required spacing is a maximum average of 22 feet. The tree is within 13 feet of a live pine tree that has a larger stump diameter than it; and the larger tree is not designated for cutting.

(b) The tree is within NA feet of a NA tree greater than or equal to NA inches stump diameter; and this tree is not designated for cutting.

(c) The tree is Marked with NA paint.

Distances are measured horizontal distance, outside bark stump height to outside bark stump height. Stump diameter is measured outside bark at stump height in a horizontal plane and is the average of a measurement across the short axis through the true center of the stump and a second measurement at right angles to the short axis.

All live pine sawtimber shall be left as leave trees, unless Marked with NA paint. No tree greater than or equal to 21.0 inches measured at ground level inches stump diameter shall be cut, unless Marked with NA paint. Cutting unit boundaries and other trees that shall be left uncut are Marked with orange or white paint.

Contractor and Forest Service shall agree to skid trail location under BT6.422. Skid trails shall be no greater than 14 feet wide with a 70 foot spacing. Quantities of trees located in skid trails are Included Timber under AT2.

KT-FT.1.1.2# - USE OF ROADS BY CONTRACTOR (09/2004)

Contractor's use of existing roads identified on Contract Area Map by the following codes is prohibited or subject to restrictive limitations, unless agreed otherwise:

Code	Use Limitations
X	Hauling prohibited
R	Hauling restricted
U	Unsuitable for hauling prior to completion of agreed reconstruction
P	Use prohibited
A	Public use restriction
W	Regulation waiver

Roads coded A will be signed by the Forest Service to inform the public of use restrictions. Contractor's use of roads coded R, A, or W shall be in accordance with the following restrictions:

See Restricted Road List Table.

Table KT-FT.1.2# - USE OF ROADS BY CONTRACTOR (9/2004)

Road Number	Code	Restriction
1046	R	Unsuitable for hauling prior to completion of reconstruction Stewardship Project 1
1060	R	Unsuitable for hauling prior to completion of reconstruction Stewardship Project 2

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KT-PT.3.1# - ROAD MAINTENANCE REQUIREMENTS (GS/2004)

Contractor shall maintain roads in accordance with the following Contract Road Maintenance Requirements Summary:

See Contract Road Maintenance Requirements Summary Table.

Table KT-FT.3.1# - Contract Road Maintenance Requirements Summary:

Road	Termini		Miles	Applicable Prehaul Road Maintenance Specifications					
	From	To		1040					
1056			0.6	P					
1066			0.6	P					

P = Purchaser Performance Item, D = Deposit to Forest Service, D3 = Deposit to Third Party

Road	Termini		Miles	Applicable During Haul Road Maintenance Specifications					
	From	To		1020	1040				
1046			0.6	P	P				
1056			0.6		P				
1060			0.6		P				
1066			0.6		P				

P = Purchaser Performance Item, D = Deposit to Forest Service, D3 = Deposit to Third Party

Road	Termini		Miles	Applicable Post Haul Road Maintenance Specifications					
	From	To		1020	1030	1040			
1066			0.6		P	P			
1046			0.6	P		P			
1056			0.6	P		P			
1060			0.6	P		P			

P = Purchaser Performance Item, D = Deposit to Forest Service, D3 = Deposit to Third Party

XI-GT.2.2.3# - PROTECTION OF SPECIAL AREAS (09/2004)

The Contractor shall not conduct logging operations within the boundaries of the following areas: Archeological sites

Logging shall be permitted in the following areas only during the following specified times: NA

The locations of these areas are shown on Contract Area Map and are marked on the ground by the following means: a white painted boundary.

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KT-GT.6.0.1# - REVEGETATION PLAN AND SPECIFICATIONS (09/2004)

Where soil has been disturbed by Contractor's operations and vegetation is needed to minimize erosion, Contractor shall take appropriate measures according to the following specifications or other agreed stabilization measures:

Temporary road cuts, fill slopes, and shoulders shall be seeded and fertilized within 15 days of construction during the seeding season(s).

Temporary road surfaces, landings, and skid trails shall be seeded when not to be used for a period exceeding 60 days during the seeding season(s).

Temporary road cuts, fill slopes, and other soil disturbance within 25 feet slope distance of a streamcourse shall be seeded and mulched within 3 days of the disturbance.

Exposed soil on temporary roads, skid trails and landings no longer needed for the Contractor's operations shall be seeded and fertilized within 30 days of discontinued use during the seeding season(s). Soil tilling to cover seed may be required under dry site conditions.

Bare areas or roads with soil compaction will require harrowing, disking or ripping. Fertilizer shall be applied and mixed thoroughly with the soil prior to seeding. Due to compaction, it may be necessary to till the soil to a depth of 6 inches or more.

The seeding season(s) shall be during the inclusive listed below, unless otherwise agreed.

See KT-GT.6.0.1# - Revegetation Plan and Specifications, Seeding Season(s) Table

The following kinds and amounts per acre of seed and fertilizer shall be applied, unless otherwise agreed:

See KT-GT.6.0.1# - Revegetation Plan and Specifications, Fertilizer and Seed Table

Applicable Mulch at the rate of 2000 pounds per acre shall be applied. The Forest Service will identify the areas where mulch is required in addition to those specified elsewhere in this contract. Hay, straw, pine straw or shredded bark or other mulch acceptable to the Forest Service may be used as mulching material.

NA The Forest Service shall agree to the timing of the seeding operations.

NA Seeding operations shall not begin without the presence of a Forest Service representative.

NA Other revegetation specification: NA

If the Forest Service performs such work as provided under a written cooperative agreement (16 U.S.C. 572), the Contractor shall make the following deposit:

See KT-GT.6.0.1# - Revegetation Plan and Specifications, Cooperative Deposit Table

Table KT-GT.6.0.1#- Revegetation Plan and Specifications, (09/2004)

The seeding season(s) shall be during the inclusive dates listed below, unless otherwise agreed.

Starting Date	Ending Date
March 01	May 15
May 16	August 31
September 01	November 15

The following kinds and amounts per acre of seed and fertilizer shall be applied, unless otherwise agreed:

Spring planting season:

Fertilizer	Pounds/Acre	Seed	Pounds/Acre
10-10-10	500	Kobea Lespedeza	30
		Brown Top Millet	15
		Wheat	15

Summer planting season:

Fertilizer	Pounds/Acre	Seed	Pounds/Acre
10-10-10	500	Brown Top Millet	30

Fall planting season:

Fertilizer	Pounds/Acre	Seed	Pounds/Acre
10-10-10	500	Annual Rye Grass	30
		Red Clover	10
		Ladino Clover	05
		Wheat	30

If the Forest Service performs such work as provided under a written cooperative agreement (16 U.S.C. 572), the Purchaser shall make the following deposit:

Lump Sum Amount	Amount Per Unit of Volume
N/A	N/A

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KT-GT.7# - SLASH TREATMENT (08/2004)

Slash is defined as all vegetative debris resulting from the Contractor's operations, including limbs, tops, cull logs, bark, wood chunks, pushed-out stumps, damaged brush, and damaged residual trees. Tops from felled trees and all trees to be removed from roads, landings, or other construction clearings shall be completely felled and not left leaning or hanging in other trees. Slash associated with construction of Specified Roads is construction slash subject to treatment according to road construction specifications.

Other Ownership. The Contractor shall conduct operations so that slash does not enter non-National Forest System lands, as shown on Contract Area Map. In event slash is deposited on other ownership, the Contractor shall immediately remove such slash. The Contracting Officer may agree in writing to other treatment requirements if the Contractor provides a written slash disposal agreement between the Contractor and the landowner.

Roads and Other Clearings. Along roads available for public use the Contractor shall immediately remove slash from traveled surfaces, shoulders, and drainage facilities. Other slash along roads available for public use and all slash along roads not available for public use shall be removed from the clearing limits within four days after adjacent skidding or yarding to each landing is complete. In areas where skidding or yarding is delayed or interrupted, slash shall be removed within ten days after being created.

Trails open to public use shall be kept free of slash. Slash within the clearing limits of powerlines, telephone lines, pipelines, and similar clearings shall be removed within ten days after adjacent skidding or yarding to each landing is substantially complete.

Slash removed from roads and other clearings shall be scattered outside the clearing limits, or otherwise disposed of as agreed. The time requirements for completion of slash removal may be changed by written agreement, except where immediate removal is required.

Other Treatment Areas. The Contractor shall complete slash treatment in other areas as described below. The Forest Service and the Contractor shall jointly agree to a schedule for completion of such slash treatment, which shall be included in the Contractor's Annual Operating Schedule required under GT.3.1.

Applicable At or adjacent to log landings, delimbing areas, and similar areas of slash accumulation within areas of timber removal, concentrations of slash greater than three feet in height and 20 feet in length, measured at greatest distances, shall be lopped and scattered to lay within three feet of the ground concurrent with operations.

Slash treatments described below are required at locations shown on the Contract Area Map by the following symbols:

See Table KT-GT.7# - Slash Disposal, Slash Disposal Requirements Table

KT-GT.7# - Slash Disposal Requirements Table (09/2004)

Slash treatments described below are required at locations shown on the Sale Area Map by the following symbols:

Map Symbol	Title	Treatment
s s s s s	Slash Treatment Zone	Within areas along roads, trails, streamcourses, waterfronts, overlooks, or other sites, the Purchaser shall lop and scatter all slash to lie within 3 feet of the ground. The boundary of said treatment zone is designated on the ground, or in the absence of such designation, shall be <u>50</u> feet measured from the edge of the clearing limit or other feature.

KT-GT.6 - MEASURING (09/2004)

The estimated quantity of timber has been determined by tree measurement in accordance with the methods described in the Timber Cruising Handbook (FSH 2409.12), a copy of which may be examined in the Forest Supervisor's or the Ranger's Offices.

KT-GT.9# - STEWARDSHIP PROJECTS (09/2004)

Performance of stewardship projects shall be in accordance with the following specifications.

Stewardship Projects

KT-GT.9# - Stewardship Projects (09/2004)

Performance of stewardship projects shall be in accordance with the following specifications:

Mandatory Items (1-3)

Project 1 - Road Re-Construction/Surface Restoration, FS 1046

Project 2 – Road Re-Construction/Surface Restoration, FS 1060

Project 3 – Gate Placement